



2123

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln No.: 09/784,158

Confirmation No. 1544

Filed: February 16, 2001

CERTIFICATE OF MAILING

Applicants: Stephan W. WEGERICHE et al.

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

Title: SYSTEM FOR EXTRACTION OF  
REPRESENTATIVE DATA FOR  
TRAINING OF ADAPTIVE  
PROCESS MONITORING  
EQUIPMENT

Art Unit: 2123

1/31/05  
Date

  
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Attorney Docket: 70479 (086470-9013)

Customer No.: 22242

Mail Stop AMENDMENT  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

AMENDMENT A

Sir:

In response to the outstanding Office Action mailed July 30, 2004,  
please amend the above-identified patent application as follows:

**Amendments to the Specification begin on page 3 of this paper.**

**Amendments to the Drawings begin on page 5 of this paper.**

Application No. 09/784,158  
Amendment dated January 31, 2005  
Reply to Office Action of July 30, 2004

**Amendments to the Claims** are reflected in the listing of claims which begin on page 6 of this paper.

**Remarks/Arguments** begin on page 16 of this paper.